

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 12329

Application ID: 09682473

Title of Invention: CLOCK SIGNAL DISTRIBUTION  
UTILIZING DIFFERENTIAL SINUSOIDAL  
SIGNAL PAIR

First Named Inventor: Anthony Bonaccio

Domestic/Foreign Application: Domestic Application

Filing Date: null

Effective Receipt Date: 2001-09-06 

Submission Type: Utility Patent Filing

Filing Type: new-utility

Confirmation Number: 0

Attorney Docket Number: BUR920010063

Digital Certificate Holder: cn=Robert A. Walsh, ou=Registered Attorneys, ou=Patent and Trademark  
Office, ou=Department of Commerce, o=U.S. Government, c=US

Certificate Message Digest: SEyVUTQtICT9NW26ufFcAw==

Total Fees Authorized: \$1010.0

Payment Category: DA - Deposit Account

Deposit Account Number: 90456

Deposit Account Name: Richard A. Henkler

# TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number:

BUR920010063

## CLOCK SIGNAL DISTRIBUTION UTILIZING DIFFERENTIAL SINUSOIDAL SIGNAL PAIR

First Named Inventor: Mr. Anthony Richard Bonaccio

### SUBMITTED BY

Name: Mr. Richard A. Henkler Esq.

Registration Number: 39,220

Electronic Signature Mark: Richard A.  
Henkler

Date Signed: 20010906

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

fee-transmittal	BUR920010063US1fee.xml
patent-assignment	BUR920010063US1asgn.xml
specification	BUR920010063US1.xml
declaration	01-0063 DEC A1.tif
declaration	01-0063 DEC A2.tif
declaration	01-0063 DEC A3.tif
declaration	01-0063 DEC B1.tif
declaration	01-0063 DEC B2.tif

declaration	01-0063 DEC B3.tif
declaration	01-0063 DEC C1.tif
declaration	01-0063 DEC C2.tif
declaration	01-0063 DEC C3.tif
bibd-transmittal	BUR920010063US1apds.xml

**Attached Image File(s):**

01-0063 DEC A1.tif  
01-0063 DEC A2.tif  
01-0063 DEC A3.tif  
01-0063 DEC B1.tif  
01-0063 DEC B2.tif  
01-0063 DEC B3.tif  
01-0063 DEC C1.tif  
01-0063 DEC C2.tif  
01-0063 DEC C3.tif

01-0063 DEC C3.tif

**Comments:**

ASSIGNEE: INTERNATIONAL BUSINESS MACHINES CORPORATION ASSIGNEE ADDRESS: ARMONK, NEW YORK, 10504

IBM CORPORATION  
ARMONK, NEW YORK 10504  
ATTENTION: GENERAL MANAGER  
INTERNATIONAL BUSINESS MACHINES CORPORATION  
ARMONK, NEW YORK 10504

IBM Docket No.: BUR920010063US1

**Declaration and Power of Attorney for Patent Application**

As a below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our name. We believe we are the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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the specification of which (check one)



is attached hereto.

was filed on \_\_\_\_\_ as United States Application Serial No. or PCT International Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):		Day/Month/Year	Priority Claimed
Number	Country		

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
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I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or §365© of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to patentability of this application as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Prior U.S. Applications:		Filing Date	Status (patented, pending, abandoned)
Serial No.			

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

MARK F. CHADURJIAN	(30,739)
RICHARD A. HENKLER	(39,220)
RICHARD M. KOTULAK	(27,712)
JAMES M. LEAS	(34,372)
WILLIAM D. SABO	(27,465)
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CHRISTOPHER A. HUGHES	(26,914)
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JOHN E. HOEL	(28,279)
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Express Mail Label No.: EE861549053US

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VALERIE G. DUGAN (35,125)  
BRIAN M. DUGAN (41,720)  
NATHANIEL LEVIN (34,880)

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TARRYTOWN, NY 10591

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Inventor: ANTHONY RICHARD BONACCIO

Signature: \_\_\_\_\_ Date \_\_\_\_\_

Residence: 346 Olde Orchard Lane  
Shelburne, VT 05482

Citizenship: United States of America

Post Office Address: Same as Residence

(2) Inventor: JOHN MAXWELL COHN

Signature: \_\_\_\_\_ Date \_\_\_\_\_

Residence: Old Jonesville Schoolhouse, 20 Duxbury Road  
Richmond, VERMONT 05477

Citizenship: United States of America

Post Office Address: Same as Residence

(3) Inventor: ALVAR ANTONIO DEAN

Signature: \_\_\_\_\_ Date \_\_\_\_\_

Residence: 44 Pacer Way  
Groton, MA 01450

Citizenship: United States of America

Post Office Address: Same as Residence

IBM Docket No.: BUR920010063US1

(4) Inventor: AMIR H. FARRAHI  
Signature:  Date: Sept. 5, 2001

Residence: ~~5 Huntington Circle~~ 296 TOWN VIEW DRIVE  
~~Peekskill, NY 10566~~ WAPPINGERS FALLS, NY 12590  
Citizenship: Islamic Republic of Iran  
Post Office Address: Same as Residence

(5) Inventor: DAVID J. HATHAWAY  
Signature: \_\_\_\_\_

Residence: 285 Pleasant Valley Road  
Underhill Center, VERMONT 05490  
Citizenship: United States of America  
Post Office Address: Same as Residence

(6) Inventor: SEBASTIAN THEODORE VENTRONE  
Signature: \_\_\_\_\_

Residence: 38 Butler Drive  
South Burlington, VERMONT 05403  
Citizenship: United States of America  
Post Office Address: Same as Residence

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Citizenship: United States of America

Post Office Address: Same as Residence

(3) Inventor: ALVAR ANTONIO DEAN

Signature: Alvar A. Dean 9/6/2001 Date: \_\_\_\_\_

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Groton, MA 01450

Citizenship: United States of America

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Signature: \_\_\_\_\_

Residence: 5 Huntington Circle  
Peekskill, NY 10566

Date

Citizenship: Islamic Republic of Iran

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Signature: Anthony Richard Bonaccio 9/6/01  
Date

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Citizenship: United States of America

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Signature: John Maxwell Cohn 9/6/01  
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Date

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Groton, MA 01450

Citizenship: United States of America

Post Office Address: Same as Residence

Signature: \_\_\_\_\_

Date \_\_\_\_\_

Post Office Address: Same as Residence

Signature: David X. Hallaway 9/6/01

Date \_\_\_\_\_

Post Office ~~Same as Residence~~  
Address: P.O. Box 211  
UNDERHILL CENTER, VT 05490

Signature: Johnathan V. [Signature] 9/6/01

Date \_\_\_\_\_

**Post Office Address:** **Same as Residence**

# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1010**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 09-0456



Deposit Account Name: International Business Machines Corporation

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name:

Richard A. Henkler

Electronic Signature Mark:

Richard A. Henkler /s/

Date Signed:

20010905

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 30	103	\$ 18	10	\$ 180
Independent Claims: 4	102	\$ 80	1	\$ 80

Subtotal For Extra Claims Fees: \$ 260

[illegible]Subtotal For Additional Fees: \$ 40